



**Powerful Processing and Productivity in a Compact, Lightweight Package**

The PDT 7200 Portable Data Terminal from Symbol Technologies is the next generation in advanced portable computing. Under the hood of this sleek, compact, lightweight hand-held terminal is a powerful processor and the industry's most innovative productivity enhancements, such as voice paging, touch screen control, and one- and two-dimensional bar code scanning.

Available in both retail and industrial versions, the PDT 7200 is packed with features that make it perfect for the most demanding data management environments – in stores, manufacturing plants, warehouses or on the road. Powering the terminal is a fast, 486-based, 32-bit microprocessor that runs industry-standard Microsoft MS DOS or Microsoft Windows CE. A generous 2MB or RAM expandable to 16MB, plus 4-32MB of flash memory expandable to 48MB, assure excellent performance, even with large programs or data-intensive tasks such as tracking inventory, ordering merchandise or managing material, vehicles and equipment.

**Voice Communication Built In**

The PDT 7200 is designed for ease

## PDT 7200 Portable Data Terminal

Establishing the Next Generation in  
Advanced Data Collection

of use. A remarkable new built-in communication using Symbol's Spectrum24® wireless network between selling floor and store-room, receiving bay and plant floor. Workers now only need one appliance, the PDT 7200, to stay in touch while collecting data at the point of activity. The PDT 7200's pager is equipped with a vibrating motor handy for truck yards, plants and other high-noise areas.

An integrated PCMCIA slot and sturdy internal antenna link mobile workers to host-based data and applications over Symbol's Spectrum24® wireless network.

Everything about the PDT 7200 is versatile including data transfer. The terminal communicates directly with a host or peripheral device such as a printer via the built-in infrared (IrDA) communications port.

**Large Display Plus Touch Screen Control**

With the PDT 7200, reading and entering data is easy, even in dimly lit areas or when the terminal is held at arm's length for scanning. The pacesetting top-mounted 1/4 VGA liquid crystal display, the largest and brightest in its class, is angled upward and backlit for comfortable viewing. The display and its convenient built-in touch screen are encased in tough polymer that protects them from dust and moisture. The terminal grip has a futuristic handle-forward design and ergonomic contours that fit the hand snugly.

The scan engine in the PDT 7200 is our high-performance SE 1200, which delivers exceptional scanning performance in an impressively small package – one reason the

feature-packed PDT 7200 weighs in at just 18 oz./510 gm (21 oz./606 gm for the wireless model) and stands less than 8"/20 cm high. The PDT 7200 is available in models that read one- and two-dimensional bar bar codes, scan at long range or operate in bright light.

**"Smart Battery" Delivers Plenty of Power**

For maximum operating convenience, the PDT 7200 comes with a high-capacity, quick change 7.2V, 1600 mAH "smart battery" that signals when to recharge and a back-up battery for extra insurance. The terminal slips into an optional single-slot or multi-slot cradle for battery charging and data transfer. Batteries can also be recharged with the separate multi-slot battery charger.

Every PDT 7200 is built tough to withstand multiple 4'/1.2m drops to concrete. For demanding industrial environments, the terminal can be housed in a ruggedized protective boot and withstands temperature variations ranging from -4° to 122° F/-20° to 50° C.

The PDT 7200 is backed by Symbol Technologies' worldwide service, repair and support network. Symbol systems are critical to business success in data-intensive, time-sensitive environments because our systems help you capture, access and manage information at the point of business activity.

To find out how your company's workforce can be more productive using the lightweight, feature-rich PDT 7200 hand-held terminal, contact any of the convenient locations listed on the back panel or visit us at [www.symbol.com](http://www.symbol.com)

# PDT 7200 Portable Data Terminal Specification Highlights

Physical Characteristics	
Dimensions:	3.7" H x 5.9" W x 7.8" L/9.4 cm H x 15.0 cm W x 19.8 cm L
Weight:	Batch: 18 oz./510 gm with battery; wireless: 21 oz./595 gm with battery and PCMCIA LAN card
Laser Class:	CDRH Class II, IEC825-1/EN60825-1 Class II
Laser Source:	Visible Laser Diode at 650–680 nm
Operating Temperature:	32° to 104°F/0° to 40°C (Retail); -4° to 122°F/-20° to 50°C (Industrial)
Storage Temperature:	-20° to 140°F/-30° to 60°C
Humidity:	95% relative humidity (noncondensing)
Drop:	Multiple 4'/1.2m drops to concrete
Environmental Sealing:	IP54 (industry standard for dust and water sealing)
ESD:	15kv electrostatic discharge to all surfaces without loss of data
Display:	1/4 VGA transfective LCD, 240 x 320 pixel resolution, controllable backlight
Touch Screen:	Resistive touch panel, scratch resistant Mylar overlay
Power:	Quick change, rechargeable 7.2V, 1600 mA/Smart battery
Control Switches:	Power ON/OFF, contrast, backlight, alpha numeric toggle
Status Indicator Lights:	Wireless operation, scanning, good decode, battery level
Computer	
Microprocessor:	AMD Elan SC400, 32-bit Am486 CPU, 33/66 MHz
Operating System:	Microsoft MS-DOS Ver. 6.22, Microsoft Windows CE Ver. 2.11
RAM Memory:	2 MB Standard for MS-DOS, 8 MB standard for Windows CE expandable to 16 MB as factory configuration
Flash:	4 MB Standard for MS-DOS, 8 MB standard for Windows CE expandable to 32 MB as factory configuration
Additional Storage:	Industry standard Flash modules available upon request
Real-Time Clock:	Time and date stamping under software control; year 2000 compliant
Interfaces:	Infrared port, IrDA V1.0 standard compatible @ 115.2 Kbps for batch communications
RF Data Communications	
Network:	Spectrum24 <sup>®</sup>
Output Power:	500 mW U.S.; 100 mW international
Data Rate:	1 Mbps and 2 Mbps
Spreading Technique:	Frequency hopping
Antenna:	Internal
Range:	Open space: up to 1,000'/303m; Typical: 180' to 250'/54.5 to 76m
EMI/RFI:	FCC part 15 Class A, EMC Directive, Australian SMA
Electrical:	Certification pending to UL1950, CSA C22.2 No.950, EN60950/IEC950
Frequency Range:	Country dependent, typically 2.4 to 2.5 GHz
Voice Paging:	Send messages and pages via Spectrum24 network
Peripherals	
Scan Engines:	SE 900, SE 1200 High Performance, Long Range, Wide Angle, Very High Density and 2-D (PDF417); Omni-Directional
Bezel:	Optional ABS plastic bezel with 16 hard keys
Industrial Rubber Boot:	Ruggedized protective boot
Cradles:	Single slot and four-slot cradles available
Printers:	Supports extensive line of Symbol-approved printers, cables and accessories
4-Slot Universal Battery Charger:	Recharges multiple batteries; battery adapter: used with Universal Battery Charger



Specifications are subject to change without notice. Spectrum24 is a registered trademark of Symbol Technologies, Inc. Microsoft and Windows are registered trademarks of Microsoft Corporation. Mylar is a registered trademark of the DuPont Company.

For system, product or services availability and specific information within your country, please contact your local Symbol Technologies office or Certified Business Partner.



**Corporate Headquarters**  
**Symbol Technologies, Inc.**  
 One Symbol Plaza, Holtsville, NY 11742-1300  
 TEL: 1-800-722-6234/1-516-738-2400  
 FAX: 1-516-738-5990

**International Headquarters**  
**Symbol Technologies International**  
 Symbol Place  
 Winnersh Triangle  
 Berkshire, England RG41 5TP  
 TEL: 44-118-945 7000/FAX: 44-118-945 7500

**Asia Pacific Division**  
**Symbol Technologies Asia, Inc.**  
 230 Victoria Street  
 #04-05 Bugis Junction Office Tower  
 Singapore 188024  
 TEL: 65-337-6588/FAX: 65-337-6488

**For Africa**  
**Symbol Technologies Africa, Inc.**  
 Block B2  
 Rutherford Estate, 1 Scott Street  
 Waverley 209, Republic of South Africa  
 TEL: 27-11-4405668/FAX: 27-11-4406191

**For Canada**  
**Symbol Technologies Canada, Inc.**  
 2540 Matheson Boulevard East  
 Mississauga, Ontario, Canada L4W 4Z2  
 TEL: 1-905-629-7226/FAX: 1-905-629-9765

**For Europe & the Middle East**  
**Symbol Technologies International**  
 Symbol Place  
 Winnersh Triangle  
 Berkshire, England RG41 5TP  
 TEL: 44-118-945 7000/FAX: 44-118-945 7500

**For Latin America**  
**Symbol Technologies**  
 7900 Glades Road  
 Suite 340  
 Boca Raton, FL 33434  
 TEL: 1-800-347-0178/1-407-438-1275  
 FAX: 1-407-483-3922

**Symbol World Wide Web Internet Site**  
 For a complete list of Symbol subsidiaries and Business Partners worldwide contact us at:  
<http://www.symbol.com>  
 E-mail: [info@symbol.com](mailto:info@symbol.com)

